

PURCHASE REQUEST

30 May 85

1 Jul 85

331/001/85

INSTRUCTIONS - ORIGINAL AND 8 COPIES

4A. Authorized Approving Official or Designee (DIAM 44-2)

*Jack Vorona*  
Signature  
JACK VORONA  
Type Name  
30 MAY 85  
Date

5A. Funds are certified available and have been committed

Accounting classification

5B. Amount

9750100.44 6F0301 1534 503744 \$2406.20

4B. Name, Ext, and Signature of Designated Supply Coordinator (DIAM 25-1)

*Brian Buzby*  
Signature  
BRIAN BUZBY  
Type Name  
30 May 85  
Date

5C. Name and signature of Certifying Official

Signature

Type Name

Date

6. Element POC/COTR

Telephone No.

Office Symbol

7A. Ship To: DIAC, Bldg 6000, Washington, D.C. 20301  
BILLING AFB, DC

7B. Mark for:

DT/LTC Buzby

8A. Stock/Item No.	Description of Supplies or Services	Quantity	Unit	Estimated	
				Price	Amount
WV1460	Panasonic low light level video camera	1	@	\$560	\$560
	24mm auto-iris lens	1	@	\$165	\$165
CM-14	Pelco camera mounts	2	@	\$ 25	\$ 50
PVM-122	Sony 14" B/W video monitor W/audio	1	@	\$365	\$365
WJ-810	Panasonic Time/Date Generator	1	@	\$385	\$385
AG-2200	Panasonic VHS video recorder	1	@	\$680.20	\$680.20
	Video connecting cable, 50 ft	2	@	\$ 22	\$ 44
	Video connecting cable, 10 Ft	1	@	\$ 13	\$ 13
	Blank VHS T-120 tapes	24	@	\$ 6	\$144

**ACCOUNTABLE PROPERTY**

9. ☐ Recurring requirement

Source:

GSA Schedule Number (if known) P. 58, Pt 3, Sect.B

Acquisition Plan No.

8B. Total \$2406.20

10. Action Office if External to DIA:

Other:

Interservice Support Agreement No:

External POC:

11. Justification/Remarks

Closed circuit video monitoring/recording system listed above is needed to satisfy training and operational requirements of a classified DIA Special Access Project. Justification maintained under separate cover. Approval by DT and RTS 6-B.

SG1J

12A. Requisition Number/Other

8958/85

13A. Coordinations

☐ CRRB

☐ SADPO

Date 31 MAY 85

13B. Approvals

☐ Not required (DIAR 44-4)

13C. Budget Reporting Code R400

CRRB

SADPO

☐ Yes

☐ No

12D. Received By: (Signature)

Date

14A. Action Assigned To:

Contract Specialist:

Telephone No:

14B. Date

**SGFOIA2**

**Approved For Release 2000/08/08 : CIA-RDP96-00789R002100140002-2**

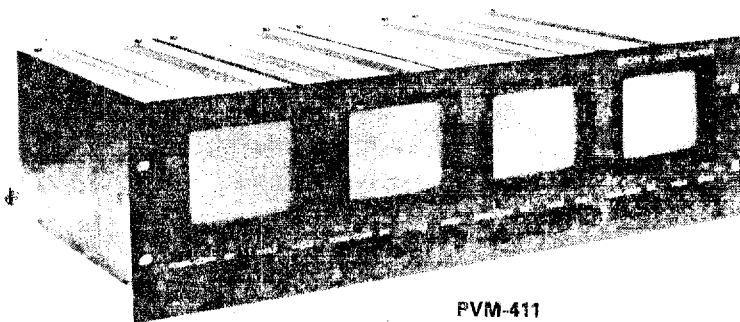
**Approved For Release 2000/08/08 : CIA-RDP96-00789R002100140002-2**

**SONY**<sup>(®)</sup>

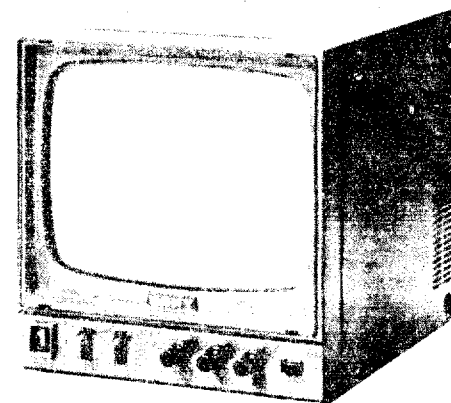
Sony Video Communications

Approved For Release 2000/08/08 : CIA-RDP96-00789R0002100140002-2

**MONOCHROME VIDEO MONITORS**



PVM-411



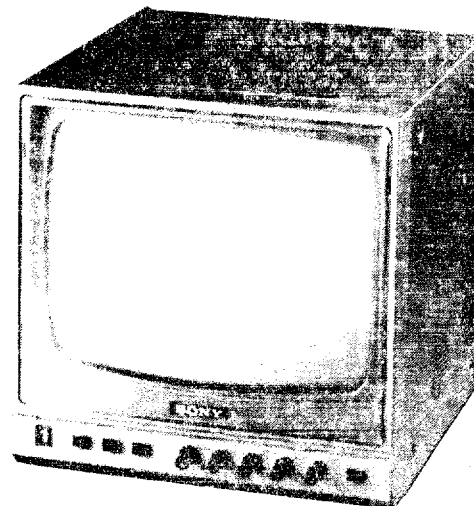
PVM-91

#### **PVM-411 Quadruple 4" Monochrome Monitor**

Four independently controlled 4" screen (measured diagonally) monochrome monitors in a single rackmount unit. Fits EIA standard 19" rack. Individual unit shielding minimizes magnetic crosstalk distortion. Spot-killer circuitry prevents phosphor burns when bright images remain on-screen for extended periods. Loop-through capability enhances use in multiple location production and surveillance applications. Individual front-mounted contrast, brightness, V-hold and H-hold controls. Weight: 35 lbs. 4 oz. Dimensions: 5-1/4"H x 19"W x 12-1/2"D.

**PVM-411 Quadruple 4" Monochrome Monitor**

**\$1275.00**



PVM-122

#### **PVM-122 12" High Resolution Monochrome Video Monitor**

- 1000 lines of horizontal resolution at center
- Selectable scanning systems: Normal/Underscan
- DC clamp switch provides a stable reference for black level
- External sync input
- Selectable A/B line inputs with front switch
- Loop-through BNC connectors for Line, A/B and Sync
- Built-in speaker for audio monitoring
- Tally lamp
- Weight: 21 lbs. 11 oz.
- Dimensions: 12-3/16"H x 12"W x 12-3/16"D

**\$450.00**

#### **PVM-91**

##### **9" High Resolution Monochrome Video Monitor**

A high resolution black and white monitor whose picture precision makes it an ideal unit for use as a computer display, a calibration device for color video cameras, CCTV applications and a studio control room monitor.

- 800 lines of horizontal resolution at center
- Selectable scanning systems: Normal/Underscan

- DC clamp switch provides a stable reference for the black level
- Accepts an external sync
- Loop-through BNC connectors for video and sync
- Can be installed/rackmounted as a dual video with the MB-500 optional mounting bracket monitor
- Can be installed with a waveform monitor or a vectorscope by using an MB-501 optional mounting bracket
- Weight: 12 lbs., 12 oz.
- Dimensions: 8-3/4"H x 9"W x 10"D

**\$345.00**

Prices and Specifications Subject to Change Without Notice.

*Sales*

*Servicing*

*Rental*

Approved For Release 2000/08/08 : CIA-RDP96-00789R0002100140002-2

**P A N A S O N I C**

**BLACK**

		BLACK						
		1/2" PICK-UP TUBE	Camera			2/3" PICK-UP TUBE		
		WV-140	WV-1410 <sup>a</sup>	WV-1460 <sup>a</sup>	WV-1500	WV-1550	FEATU.	
PRODUCT OVERVIEW	WEIGHT (lbs.)	1.2	3.7	3.5	3.7	3.5	PRODUCT OVERVIEW	WEIGHT (lbs.)
	H (inches)	1 <sup>7</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>16</sub>	3 <sup>5</sup> / <sub>16</sub>		H (inches)
	W (inches)	3 <sup>9</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>		W (inches)
	D (inches)	7 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>		D (inches)
	LENS MOUNT	C	C	C	C	C		LENS MOUNT
	LENS INCLUDED				F1.6/16mm <sup>13</sup>			LENS INCLUDED
	PICK-UP TECHNOLOGY	VIDICON	VIDICON	NEWVICON	VIDICON	NEWVICON		PICK-UP TECHNOLOGY
	SCANNING AREA (H x V)	6.5 x 4.5mm	8.8 x 6.6mm	8.8 x 6.6mm	8.8 x 6.6mm	8.8 x 6.6mm		SCANNING AREA
	AC POWER	BUILT-IN	BUILT-IN	BUILT-IN	BUILT-IN	BUILT-IN		AC POWER
	SEPARATE POWER SUPPLY	3	3	3	3	3		SEPARATE POWER SUPPLY
SPECS	SINGLE CABLE	—	—	—	—	—	SPECS	SINGLE CABLE
	SYNCHRONIZATION <sup>2</sup>	I (2:1)/R	I (2:1)/R <sup>a</sup>	I (2:1)/R <sup>a</sup>	I (2:1)/R <sup>a</sup>	I (2:1)/R <sup>a</sup>		SYNCHRONIZATION
	AMBIENT OPERATING TEMP.	+14° to +122°F	+14° to +122°F	+14° to +122°F	0° to +140°F	0° to +122°F		AMBIENT OPERATING TEMP.
	HORIZONTAL RESOLUTION <sup>4</sup>	500	600	600	650	650		HORIZONTAL RESOLUTION
	LIGHT COMP. RATIO	10,000:1	20,000:1	40-60,000:1 <sup>10</sup>	40,000:1	40-60,000:1 <sup>10</sup>		LIGHT COMP. RATIO
	MIN. ILLUMINATION (fc)	1	0.5	0.05	0.3	0.03		MIN. ILLUMINATION
	POWER CONSUMPTION	3.1W	9W	10W	9W	10W		POWER CONSUMPTION
	S/N RATIO <sup>5</sup> (dB)	43	43	43	44"	44"		S/N RATIO <sup>5</sup> (dB)
	GEN-LOCK INPUT				YES	YES		GEN-LOCK INPUT
	HORIZONTAL DRIVE				YES	YES		HORIZONTAL DRIVE
TERMINALS	VERTICAL DRIVE				YES	YES	TERMINALS	VERTICAL DRIVE
	VIDEO OUT	YES	YES	YES	YES	YES		VIDEO OUT
	B/R GAIN							B/R GAIN
	FOCUS CONTROL	YES	YES	YES	YES	YES		FOCUS CONTROL
	PEDISTAL GAIN							PEDISTAL GAIN
	POWER (at camera)	YES	YES	YES	YES	YES		POWER (at camera)
	6mm			WV-LA8A		WV-LA8A		6mm
	8mm							8mm
	8.5mm	MN-815	MN-815		MN-815			8.5mm
	12mm <sup>6</sup>	WV-LM12/2						12mm <sup>6</sup>
OPTIONAL LENSES	12.5 mm						OPTIONAL LENSES	12.5 mm
	16mm <sup>7</sup>	WV-LM16	WV-LM16	WV-LA16A	WV-LM16	WV-LA16A		16mm <sup>7</sup>
	25mm			WV-LA25A		WV-LA25A		25mm
	50mm	MN-518	MN-518	WV-LA50A	MN-518	WV-LA50A		50mm
	9-50mm ZOOM							9-50mm ZOOM
	16-160mm ZOOM							16-160mm ZOOM
	WIDE ANGLE ADAPTOR	VZ-ML10	VZ-ML10	VZ-ML10	VZ-ML10	VZ-ML10		WIDE ANGLE ADAPTOR
	B GAIN							B GAIN
	POWER							POWER
	R GAIN							R GAIN
RCU	WHITE BALANCE						RCU	WHITE BALANCE
	SUGGESTED RETAIL PRICE <sup>1</sup>	\$210	\$270	\$735	\$370	\$850		SUGGESTED RETAIL PRICE

7 wide angle adapter option  
can be used with 16mm lens

8 BS-170 adjustable vertical,  
non-adjustable on CPD tyr.

**PELCO****MODEL CM-14  
LIGHT DUTY  
CAMERA MOUNT**

- \* DECORATOR STYLING
- \* BALL/SWIVEL ADJUSTABLE HEAD
- \* SCREW DRIVER ADJUSTMENT
- \* STURDY INJECTION MOLDED PLASTIC
- \* LOW COST



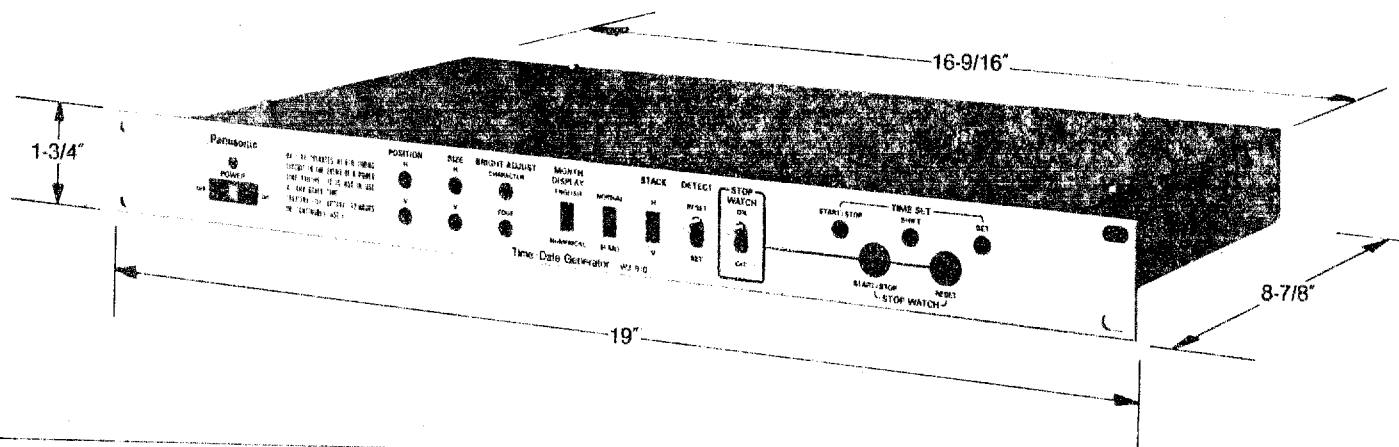
Designed to tastefully blend with interior decors of offices, banks or similar installations, the **CM-14** has been structurally engineered for strength and rigidity.

Manufactured of sturdy Rynite plastic and injection molded for low cost efficiency, the **CM-14** is capable of supporting camera/lens combinations up to 12 lbs. when securely mounted.

An easily adjustable ball swivel head allows for unlimited pan rotation and 90° tilt down angle. Adjustments are made with a screwdriver which facilitates a tamper resistant installation.



PELCO SALES, INC. / THE LEADER IN ACCESSORIES FOR THE TELEVISION INDUSTRY



### PANASONIC TIME/DATE GENERATOR MODEL WJ-810

The Panasonic WJ-810 time/date generator superimposes the time and date onto any composite video signal. In addition to the time and date signal, it also produces 99-hour stopwatch signals. This quality time/date generator is highly recommended for use with time lapse video tape recorders, and is ideal for various industrial, scientific and security applications.

The WJ-810 produces adjustable white to black characters, along with independently adjustable black to white edge outlines. Front-panel controls vary the character brightness, and adjust the character size, which may be varied anywhere from 23 up to 34 TV scan lines in height. These conveniently located switches also produce either a horizontal or vertical arrangement of the time and date, and when used with sequential switchers (models WJ-521/523/525/527/512), the WJ-810 will display from 1 up to 18 camera input numbers. The month display can be shown either in English

or numerically, and there is the option to display character type in either a normal or slant 7-segment configuration. Front-panel controls will position the display horizontally or vertically within 80% of the picture area.

The time/date generator is accurate to within 15 seconds in a month, due to an internal quartz-crystal. An internal battery (not included) functions as a backup power source for up to 12 hours, to prevent time error in the event of a short term power failure. A video signal will still appear during a power failure thanks to the pass through type video output feature of the WJ-810. If a battery is being utilized as the power source, there is a battery warning indicator which displays the symbol "BATT" on the monitor screen when the battery charge is too low, or dead.

The time and date can be reset by front-mounted controls, and an internal full automatic calendar circuit changes

the day, month and year automatically, and even makes allowances for leap years.

When used with the WJ-512 sequential switcher, which has an alarm function, the time/date generator aids the effectiveness of any security system by showing a display indicating the number of times the alarm sensor was activated. It also contains a stopwatch function with a 99-hour limit, and displays this time in hours, minutes, seconds and hundredths of a second. Handy front-mounted controls will start, stop and reset this stopwatch feature, which is worthy of applications involving medical, scientific or technical operations where accurate timing is essential. The WJ-810 time/date generator is compact, and takes up only 1-3/4" of standard rack space. It is part of the complete and versatile Panasonic line of closed circuit television equipment, including cameras, monitors and video tape recorders.

### QUALITY ENGINEERING FEATURES

1. Superimposes time and date onto any composite video signal.
2. Stopwatch function with 99-hour limit displays time in hours, minutes, seconds and hundredths of a second, with front-mounted start, stop and reset controls.
3. Highly recommended for use with time lapse video tape recorders, such as the Panasonic NV-8030.
4. Variable independent adjustment of white to black character brightness and black to white edge brightness.
5. Adjustable control of character size anywhere from 23 up to 34 TV scan lines high.
6. Time and date can be displayed either in a horizontal or vertical stacked position.
7. Display position adjustable within 80% of the picture area.
8. Month display can be shown either in English or numerically.
9. Character type can be displayed in either a normal or slant 7-segment configuration.
10. When used with sequential switchers (models WJ-521/523/525/527/512), also displays up to a maximum of 18 camera input numbers.
11. Internal quartz-crystal time accuracy of 15 seconds in one month.
12. Internal batteries (not included) are designed to prevent time error due to short term power failure, for up to 12 hours.
13. Pass through type video output produces a video signal even in the event of a power failure.
14. When used with WJ-512 sequential switcher with alarm function, the WJ-810 displays number of times alarm was activated, and what camera was involved, on monitor screen.
15. Battery warning indicator ("BATT") displayed on monitor screen in case of low or dead battery.
16. Full automatic calendar with leap year allowance.
17. Front-panel controls reset time and date.
18. Rack mountable.



Approved For Release 2000/08/08  
**Panasonic**  
 Professional/Industrial Video **VHS**

Approved For Release 2000/08/08  
**Panasonic**  
 Professional/Industrial Video **VHS**

**AG-2200**  
VHS Video Cassette Recorder

A stylized logo for VTR (Video Tape Recorder) featuring the letters 'VTR' in a bold, blocky font, followed by 'PLAY' and 'REC' in a similar style, all set against a dark, textured background.

◀◀00▶▶ M0000



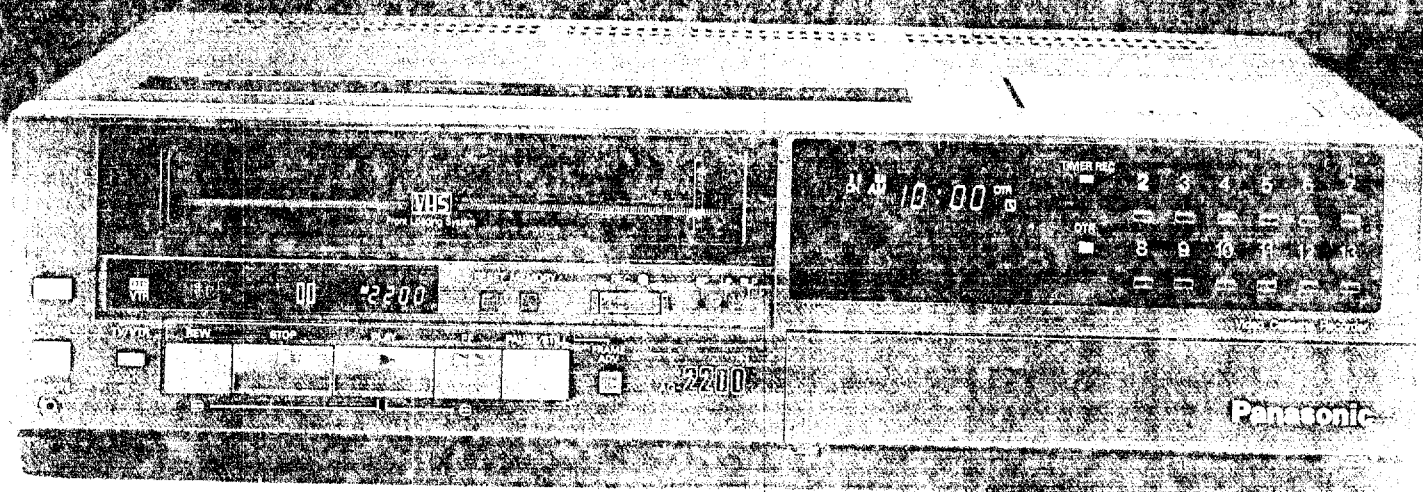
▷ 0000

GD  
VTR

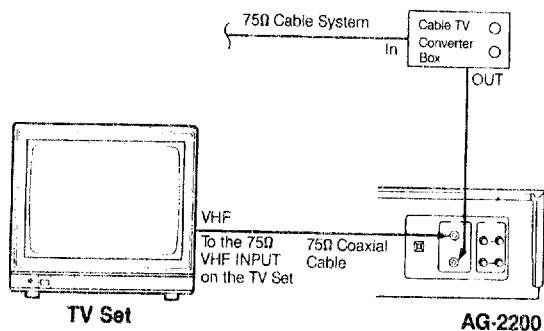
00 0000

CO  
VTR

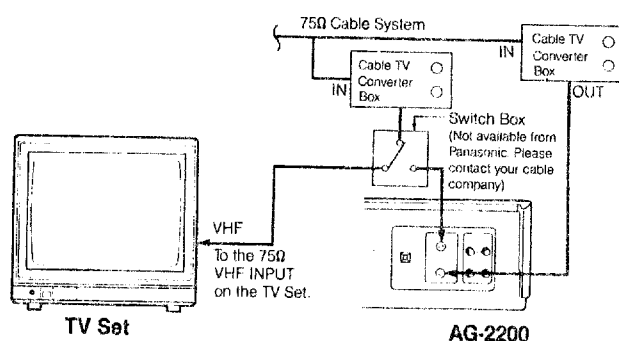
NO. 0000



CPYRGHT  
Approved For Release 2000/08/08 : CIA-RDP96-00789R002100140002-2



The above cable hook-up allows VCR-TV functions except for viewing one channel while recording another channel.



The above cable hook-up allows VCR-TV functions, including viewing one channel while recording another channel, but it requires two cable TV converter boxes and one cable switch.

## Specifications

**Power Sources:** 120V AC, 50/60Hz  
**Power Consumption:** Approx. 27 watts  
**Television System:** EIA Standard (525 lines, 60 fields)  
 NTSC color signal

**Video Recording System:** 2 rotary heads, helical scanning system  
 Luminance; FM azimuth recording  
 Color signal; converted subcarrier phase shift recording

**Audio Track:** 1 track  
**Tape Format:** Tape width  $\frac{1}{2}$  inch (12.7mm),  
 high density tape  
**Tape Speed:** SP;  $1\frac{1}{16}$  i.p.s. (33.35mm/s),  
 LP;  $\frac{21}{32}$  i.p.s. (16.67mm/s),  
 SLP;  $\frac{7}{16}$  i.p.s. (11.12mm/s)

**Record/Playback Time:** 360 min. with NV-T120 used in SLP mode  
**FF/REW Time:** Less than 5 min. with NV-T120

**Input Level:**  
**Video;** TV Monitor connector (8-pin connector)  
 1.0Vp-p, 75Ω unbalanced  
 VIDEO IN (BNC), 1.0Vp-p, 75Ω unbalanced  
**Audio;** TV Monitor connector (8-pin connector)  
 -20dB, 47kΩ unbalanced  
 AUDIO IN (RCA), -10dB, 47kΩ unbalanced  
**TV Tuners;** VHF input CH2 ~ CH13, cable channels  
 "A-2, A-1, A ~ I, J ~ W"  
 UHF input CH14 ~ CH83, 300Ω

**Output Level:**  
**Video;** TV Monitor (8-pin connector), 1.0Vp-p, 75Ω  
 VIDEO OUT (BNC), 1.0Vp-p, 75Ω  
**Audio;** TV Monitor (8-pin connector), 0dB, 600Ω  
 AUDIO OUT (RCA), -8dB, 600Ω unbalanced  
 Channel 3 or 4, 66.5dBμ (open voltage),  
 75Ω unbalanced  
**RF Modulated;** (M2)

**Camera Remote:**  
**Video Horizontal Resolution:** Color: more than 240 lines  
 (on monoscope test pattern)

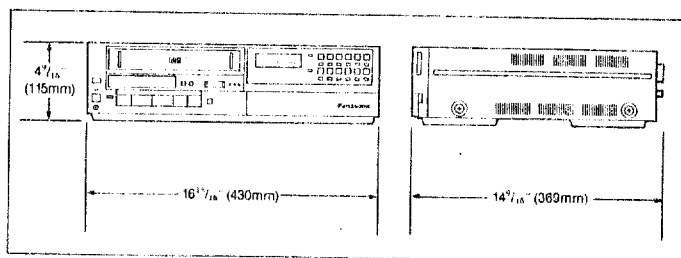
**Audio Frequency Response:** SP; 50Hz ~ 10kHz,  
 LP; 50Hz ~ 8kHz, SLP; 50Hz ~ 6kHz

**Signal-to-Noise Ratio:** Video: better than 45dB (Color, SP mode)  
 (Rohde & Schwarz noise meter)  
 Audio: better than 43dB (SP mode)

**Operating Temperature:** 41°F ~ 104°F (5°C ~ 40°C)  
**Operating Humidity:** 35% ~ 80%  
**Weight:** 18.7 lbs (8.5kg)  
**Dimensions (W × H × D):** 16 $\frac{15}{16}$ " × 4 $\frac{9}{16}$ " × 14 $\frac{9}{16}$ " (430 × 115 × 369mm)

**Accessories Supplied:** 1 pc. VHF matching box 75 Ω-300 Ω  
 transformer (VSQ 0015-1)  
 1 pc. Coaxial cable with one-touch type F  
 connector (VJA 0147-1)  
 1 pc. 300 Ω-75 Ω transformer (VFA 0010)  
 1 pc. F connector (VSQ 0051-1)  
 1 pc. Twin-Lead Cable (VJA 0102A)  
 1 pc. Wired Remote Controller (VSQ 0265)  
 1 pc. Channel Film (VGQ 0253 and 0693)  
 1 pc. Dust Cover (VFB 0041)

Warning: One Federal Court has held that recording copyrighted TV programs is infringement. Such programs should not be recorded.



# Panasonic

AUDIO-VIDEO SYSTEMS DIVISION

Panasonic Industrial Company, Division of  
 Matsushita Electric Corporation of America

Executive Office: One Panasonic Way, Secaucus,  
 New Jersey 07094 (201) 348-7000  
 Northeast Office: 333 Meadowlands Parkway, Secaucus,  
 New Jersey 07094 (201) 348-7620  
 Midwest Office: 425 E. Algonquin Rd. Arlington Heights,  
 Illinois 60005 (312) 981-4826

Southeast Office: 3 Meca Way, Norcross, Georgia 30093 (404) 925-6835  
 Southwest Office: 1825 Walnut Hill Lane, Irving, Texas 75062 (214) 257-0763  
 Western Office: 6550 Katella Avenue, Cypress, California 90630 (714) 895-7200  
 Panasonic Hawaii, Inc.: 91-238 Kauhli st., Ewa Beach P.O. Box 774,  
 Honolulu, Hawaii 96808 (808) 862-2851

Matsushita Electric of Canada Limited

5770 Ambler Drive, Mississauga, Ontario L4W 2T3 (416) 624-5010  
**Panasonic Sales Company**  
 Ave. 65 de Infanteria, Km. 9.7, Victoria Industrial Park, Carolina,  
 Puerto Rico 00630 (809) 769-4320

DISTRIBUTED BY: